

UNIVERSITY OF KENTUCKY - HOSPITAL
Proposed Projects NOT Involving the General Fund or Agency Bonds
(amounts in **bold** are the total budget)

2012-2014
(Projects listed in alphabetical order)

Construct Ambulatory Facility – UKHC **\$50,000,000 RF**
Construct a medical office building for UK Healthcare on or proximal to the campus.
(C-O)

Construct Data Center – UKHC **40,000,000 RF**
This project lease purchases a data center for Medical Center. Currently, the Medical Center Computing Center resides in the basement of the Hospital. The space is grossly inadequate to accommodate the growing computing needs. The existing data center has insufficient space, insufficient electrical power (both normal and emergency), and insufficient cooling for servers. (C-O)

Construct Freestanding Clinic – UKHC **36,000,000 RF**
Seeking to construct a building dedicated to clinic space for the UKHC enterprise. (C-O)

Construct Good Sam Med Office Bldg **23,700,000 RF**
Construct or lease purchase a medical office building for UK Healthcare on or proximal to the Good Samaritan Campus. (C-O)

Construct Office Tower - UKHC **95,600,000 RF**
Development of office building to relocate services located in the Hospital/Kentucky Clinic to make way for patient services, as well as provide office space for future clinical offices/functions. (C-O)

Construct Ophthalmology Clinic3 - UKHC **20,000,000 RF**
This project constructs a 51,900 gross square foot ophthalmology clinic. It will include administrative offices, clinical offices, exam/procedure space, and possibly retail space. (C-O)

Construct Physicians Svcs Facilities - Hospital **2,000,000 RF**
Construct and/or refurbish existing areas to create spaces for physicians. At the present, the physicians do not have adequate lounge and dining areas. (C-O)

Construct Retail Space **4,000,000 RF**
This project would construct retail space attached to the Chandler hospital garage to provide additional amenities to patients, visitors, faculty, and staff. (C-O)

Construct/Renovate Imaging Services - Ky Clinic **15,000,000 RF**

Add an addition to the Kentucky Clinic or renovate current space for Imaging Services. (C-O)

Construct/Renovate Lab Facilities 21,000,000 RF

This project will construct/expand new lab facilities or renovate existing space to improve efficiency and allow for continued volume growth. (C-O)

Implement Energy Performance Contracting 1,000 RF

This project is for the implementation of an Energy Performance Contract. Implementation of such a contract will result in potential significant savings in the utility budget for the Hospital. (C-O)

Implement Enterprise Security System 5,000,000 RF

Purchase services, software and hardware for implementation of an enterprise security system. The system will serve many purposes including streamlining the management of system user access, simplifying the access request process, and improving auditing and reporting capabilities. With the growing number of software systems used to support healthcare operations, it has become increasingly important to have a global means of provisioning to ensure HIPAA compliance, confidentiality of information, and system integrity. (IT)

Implement Land Use Plan – UKHC 20,000,000 RF

UK HealthCare intends to continue to acquire property in the vicinity of campus in anticipation of the need to extend the Medical Center campus in accordance with the Facilities Master Plan and other unforeseen land needs. (C-O)

Implement Medication Bar Coding System 10,000,000 RF

Implement a new medication bar coding information system to facilitate patient medication administration. (IT)

Implement Patient Communication System 10,000,000 RF

Purchase hardware, software, services to implement a patient communication system. The system will be a delivery mechanism for patient education, internet access, whiteboard, videoconferencing, and television viewing. (IT)

Implement Real Time Locator System 5,000,000 RF

Purchase software and hardware necessary to support real time locator system to provide locating capabilities within the healthcare enterprise. (IT)

Implement Revenue Management System 20,000,000 RF

Purchase/lease software, hardware, and services to implement a healthcare Enterprise Revenue Management System. At a minimum, a system will encompass the following functions: Enterprise Master Patient Index, scheduling for ambulatory and ancillary, registration, hospital patient and accounts receivable, practice management (billing), and contract management. (IT)

Implement Unified Commun. System 3,000,000 RF

The integration of real-time internal and potentially external communication services such as instant messaging (chat), presence information, telephony (including IP telephony), video conferencing, data sharing(including web connected electronic whiteboards aka SMART Boards), call control and speech recognition with non-real-time communication services such as unified messaging (integrated voicemail, e-mail, SMS and fax). (IT)

Lease-Purchase Construct Data Center – UKHC 40,000,000 OT-LTF

This project will construct a data center for UK HealthCare (UKHC). Currently, the Medical Center Computing Center resides in the basement of the Chandler Hospital. This space is grossly inadequate to accommodate UKHC's growing computing needs as it has insufficient space, insufficient electrical power (both normal and emergency), and insufficient cooling for servers. (C-O)

Lease Purch Electron. Hlth Record Syst. 59,532,000 RF/FF/OT-LTF

The Ambulatory EHR (Electronic Health Record) is a clinic based, patient centric information system dedicated to collecting, storing, manipulating, and making available clinical information important to the delivery of patient care. The system will be integrated with the existing inpatient focused EHR to form a single electronic record for patients going forward. Key functionality includes but is not limited to the following: Data capture at the point of care including physiological statistics, digital images, order and results management, integration of patient specific clinical data from multiple internal and external sources, and support caregiver decision making and reporting (IT)

Lease Purchase Ambulatory Facility – UKHC 50,000,000 OT-LTF

Lease Purchase a medical office building for UK Healthcare on or proximal to the campus (C-O)

Lease Purchase Data Center – UKHC 40,000,000 OT-LTF

This project lease purchases a data center for Medical Center. Currently, the Medical Center Computing Center resides in the basement of the Hospital. The space is grossly inadequate to accommodate the growing computing needs. The existing data center has insufficient space, insufficient electrical power (both normal and emergency), and insufficient cooling for servers. (C-O)

Lease Purchase Freestanding Clinic – UKHC 36,000,000 OT-LTF

Seeking to lease purchase a building dedicated to clinic space for the UKHC Enterprise. (C-O)

Lease Purchase Good Sam Med Office Bldg 23,700,000 OT-LTF

Lease purchase a medical office building for UK Healthcare on or proximal to the Good Samaritan Campus. (C-O)

Lease Purchase Hosp. Dining Facilities & Equip 17,000,000 OT-LTF

The project is for the fit-up of the dining facilities (cafeteria, kitchen and café) to be located in the new Patient Care Facility. The dining facility may be contracted to a private vendor who will fit-up and manage the dining facilities. (C-O)

Lease Purchase Office Tower – UKHC 95,600,000 OT-LTF

Development of office building to relocate services located in the Hospitals/Kentucky Clinic to make way for patient services, as well as provide office space for future clinical office/functions. (C-O)

Lease Purchase Ophthalmology Clinic2 – UKHC 20,000,000 OT-LTF

OT-LTF This project constructs a 51,900 gross square foot ophthalmology clinic. It will include administrative offices, clinical offices, exam/procedure space, and possibly retail space. (C-O)

Lease Purchase Retail Space 4,000,000 OT-LTF

This project would lease purchase retail space near the Chandler hospital garage to provide additional amenities to patients, visitors, faculty, and staff. (C-O)

Lease Purchase/Upgrade UKHC IT Syst. 10,000,000 RF

Expand/upgrade/implement IT systems within the health enterprise. (IT)

Lease-Purchase Data Center Hardware-UKHC 15,000,000 RF

Purchase or Lease Purchase hardware required for operation of computing systems and healthcare applications to include replacement of or upgrade to existing hardware systems. (IT)

Lease-Purchase Data Repository System 5,000,000 RF

Purchase or lease purchase hardware and software to establish a data repository for clinical, financial, and other types of data. A data repository which replicates real-time data from systems that are in productive use improves response time for report generation and data analysis. It also reduces system degradation which impacts system use for patient care. A data repository would support the clinical, educational, and research missions of the enterprise and University. (IT)

Lease-Purchase Mainframe Computer – UKHC 3,000,000 OT-LTF

Purchase or lease a new mainframe computer and its associated peripheral hardware. (IT)

Lease-Purchase Telemedicine/Virtual ICU 10,000,000 RF

Purchase software, hardware, and services to implement a virtual ICU which employs principles of telemedicine to monitor and deliver care to intensive care patients. ICU patients require around-the-clock specialized care. With this system care providers can be facility linked via telemedicine and computer monitors to ICU rooms. A center is staffed with an intensivist-led care team that can monitor and care for hundreds of patients. The care team uses software alerts to track patient vital trends and intervene earlier-before complications occur. Studies show that this type of care model can reduce ICU mortality by 25%, reduce clinical complications, and save costs. The keys are constant surveillance, providing the patient with immediate physician access and arming the

physician with the patient information needed to make the right decisions, quickly. It also has been shown to improve quality, operating efficiency, and economic performance. (IT)

Purch Personal Elect. Health Record – UKHC 10,000,000 RF

An electronic personal health record is a history of a patient's medical care, initiated and maintained by the patient. This is distinct from electronic medical records (EMRs, EHRs), which are initiated and specifically maintained by healthcare providers for care provided internally. This electronic portal will enable UK HealthCare patients the ability to share medical records with healthcare providers across multiple clinics and healthcare systems in effort to better coordinate and improve the quality of care they receive. The PHR will include but is not limited to the following patient specific information: allergies and adverse drug reactions, medications (including dose and how often taken), illnesses and hospitalizations, surgeries and other procedures, chronic diseases, vaccinations, laboratory test results, imaging (x-ray) reports, immunization records, family history, and Observations of Daily Living (ODLs) (IT)

Purchase Allergy Info. System – UKHC 1,000,000 RF

Purchase an allergy information system. (IT)

Purchase Cardiology Info. System – UKHC 4,000,000 RF

Purchase a cardiology information system. (IT)

Purchase Clinical Information System 10,000,000 RF

Purchase a clinical information system. (IT)

Purchase Dig. Medical Record Expansion 5,000,000 RF

Technology is currently being developed to allow the automation of the current paper medical record system. This system will have the advantage of decreasing the resources necessary to manage the current paper record system as well as broaden dissemination of medical record information. (IT)

Purchase Document Scanning System 10,000,000 RF

Purchase hardware and software to support an enterprise document scanning/imaging and data repository solution to convert from paper-based to digital processes. (IT)

Purchase Oncology Info. Syst. – UKHC 8,000,000 RF

Purchase an oncology information system. (IT)

Purchase Telephone System Replacement 3,000,000 RF

Install and implement state-of-art telephone communication and call center. (IT)

Purchase/Expand PACS System 5,000,000 RF

Purchase/lease hardware and software to support digitizing, storage, and distribution of a variety of images for clinical and diagnostic evaluation. (IT)

Renovate Diag. Treatment Services – UKHC **2,500,000 RF**

This project will renovate approximately 5,000 gross square feet of clinical, pharmaceutical, or imaging departments to accommodate changes in equipment, expanded interfaces between equipment, and/or improved patient management. (C-PI)

Renovate Nursing Units – UKHC **6,000,000 RF**

The project is for the renovation of the existing nursing units in the University Hospitals to upgrade the facilities in effort to provide better patient care within newer more efficient space and technology. The existing nursing units are outdated and need upgrading to better serve patients. (C-PI)

Renovate Parking Structure #3 – UKHC **3,500,000 RF**

Repair Kentucky Clinic garage per consultant report to improve functionality, improve appearance, and safety. (C-PI)

Renovate/Expand Clinical Services – UKHC **15,000,000 RF**

The project will renovate and expand inpatient support areas as the existing clinical spaces are outdated and need upgrading to better serve our patients and improve the efficiency of our faculty and staff. (C-PI)

Renovate/Upgrade Hosp. Facil. - Good Samaritan **10,000,000 RF**

This project will renovate/upgrade hospital facilities at Good Samaritan. (C-PI)

Repair, Upgrade, Improve Bldg Systems – UKHC **20,000,000 RF**

This project will repair, upgrade and improve existing building systems that have exceeded their useful life, need to be upgraded to meet current building code requirements, or need to be upgraded due to current capacity having been exceeded by building occupant load. Systems include, but not limited to, HVAC ductwork, air handling units, fume hoods, building controls, plumbing, electrical, fire alarm, security and suppression systems, communications, elevators, exterior enclosures (walls, roofs & windows) doors, door hardware and interior finishes. (C-PI)

Replace/Upgrade Perioperative Info. System **3,000,000 RF**

Purchase/lease hardware, software, services to replace perioperative information system which includes materials management, case scheduling, billing, clinical documentation, and preference card functionality. (IT)

Replace/Upgrade Radio I. Info. System **2,000,000 RF**

Implement a new Radiology Information System. (IT)

Upgrade Clinical Enterprise Network – UKHC **6,500,000 RF**

Upgrades are required to the healthcare data network to provide network redundancy, expansion of wireless capabilities, additional secure network capability for medical devices and to improve reliability and stability. (IT)

Upgrade Critical Care Fac- UKHC **10,000,000 RF**

The project will allow for the renovation or relocation of existing Critical Care space. The work includes cosmetic interior renewals, some wall reconfigurations, an upgrade of electrical and medical gas services, patient room fixed equipment and air distribution/filtration systems and other essential infrastructure. (C-O)

Upgrade Enterprise Information Systems **20,000,000 RF**

Purchase hardware, software, and services to upgrade computer systems within the UKHC enterprise. (IT)

Upgrade Surgical Services – UKHC **5,000,000 RF**

This project will renovate existing space to develop a Same Day Surgery Intake Unit; will relocate surgical offices adjacent to the operating rooms in the Critical Care Center to expand the Post Anesthesia Care Unit; will develop a Pre-op, PACU, and waiting space in the main hospital building dedicated to pediatric patients; and will renovate the 1st floor surgical waiting area. (C-PI)

Upgrade/Expand Cancer Treatment Facil. – UKHC **10,000,000 RF**

This project seeks to renovate/expand existing clinical space to optimize operations and increase capacity for cancer related patient services. It will provide an environment for providing symptom management to cancer patients that is most conducive to treatment goals. (C-O)

Upgrade/Fit-up Hospital Facilities **10,000,000 RF**

This project will upgrade/fit-out various projects within the hospital. Projects could include but not limited to patient care areas, procedure space, clinical support areas, and building infrastructure. (C-PI)

UNIVERSITY OF KENTUCKY - HOSPITAL
Proposed Projects NOT Involving the General Fund or Agency Bonds – cont'd
(amounts in **bold** are the total budget)

2014-2016

(Projects listed in alphabetical order)

Construct Hospice Facility – UKHC	\$4,000,000 RF
Construct/Expand/Renovate Ambulatory Care – UKHC	15,000,000 RF
Construct/Upgrade/Fit-Up Support Services – UKHC	3,675,000 RF
Implement Land Use Plan – UKHC	5,000,000 RF
Implement Revenue Management System	20,000,000 RF
Lease-Purchase Data Center Hardware-UKHC	15,000,000 OT-LTF
Renovate Nursing Units – UKHC	4,000,000 RF
Renovate/Expand Clinical Services – UKHC	15,000,000 RF
Renovate/Upgrade Hosp. Facil. - Good Samaritan	10,000,000 RF
Repair, Upgrade, Improve Bldg Systems – UKHC	10,000,000 RF
Upgrade Pediatric Critical Care – UKHC	10,000,000 RF
Upgrade Surgical Services – UKHC	5,000,000 RF
Upgrade/Fit-up Hospital Facilities	10,000,000 RF

2016-2018

(Projects listed in alphabetical order)

Construct/Upgrade/Fit-Up Support Services – UKHC	\$4,000,000 RF
Expand/Construct Parking Structure – UKHC	31,600,000 RF
Expand/Renovate Ambulatory Care – UKHC	15,000,000 RF
Implement Land Use Plan – UKHC	5,000,000 RF
Renovate Nursing Units – UKHC	2,000,000 RF
Renovate/Expand Clinical Services – UKHC	20,000,000 RF
Renovate/Upgrade Hosp. Facil. - Good Samaritan	10,000,000 RF
Repair, Upgrade, Improve Bldg Systems – UKHC	10,000,000 RF
Upgrade Surgical Services – UKHC	5,000,000 RF
Upgrade/Fit-up Hospital Facilities	10,000,000 RF

UNIVERSITY OF KENTUCKY HOSPITAL
Proposed Projects Involving Agency Bonds
(amounts in **bold** are the total budget)

2012-2014

(Projects listed by agency priority; descriptions are from the agency submission)

- 1. Expand Patient Care Facility-Hospital Phase 3** **\$150,000,000**
This project continues development of the Patient Care Facility (PCF) space built as shell in the initial phase of the project currently under construction. This project could include, but not limited to, beds, surgery, diagnostic, treatment and support space. (C-O)
- 2. Construct Ophthalmology Hospital - UKHC** **\$20,000,000**
This project constructs a 51,900 gross square foot ophthalmology clinic. It will include administrative offices, clinical offices, exam/procedure space, and possibly retail space. (C-O)
- 3. Construct Data Center - UKHC** **\$40,000,000**
This project lease purchases a data center for Medical Center. Currently, the Medical Center Computing Center resides in the basement of the Hospital. The space is grossly inadequate to accommodate the growing computing needs. The existing data center has insufficient space, insufficient electrical power (both normal and emergency), and insufficient cooling for servers. (C-O)
- 4. Construct Freestanding Clinic - UKHC** **\$36,000,000**
Seeking to lease purchase a building dedicated to clinic space for the UKHC enterprise. (C-O)
- 5. Construct Office Tower - UKHC** **\$95,600,000**
Development of office building to relocate services located in the Hospitals/Kentucky Clinic to make way for patient services, as well as provide office space for future clinical offices/functions. (C-O)

2014-2016

None

2016-2018

- 1. Expand Patient Care Facility-Phase 5** **\$150,000,000**
This project continues development of the Patient Care Facility (PCF) space built as shell in the initial phase of the project currently under construction. This project could include, but not limited to, beds, surgery, diagnostic, treatment and support space. (C-O)